

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/003084

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 E02F 3/88**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 E02F, E02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR,JP as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98/44207 A1 (VAN OORD ACZ B.V.) 08 October 1998 See Fig.1	1-3
A	US 5865564 A (Aqua-Barrier, Inc) 02 February 1999 See the claims	1
A	EP0047803 A1 (Dosbouw) 12 September 1980 See Page1	1
A	JP 63-022909 A (SHIMIZU CONSTRUCTION CO LTD) 30 January 1988 See the whole document	1

 Further documents are listed in the continuation of Box C. See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
09 MARCH 2005 (09.03.2005)

Date of mailing of the international search report

09 MARCH 2005 (09.03.2005)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Sun Woo

Telephone No.



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/003084

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 98/44207 A1	08/10/98	AT 202175 T AU 732644 B2 AU 6526998 A BR 9808369 A CN 1090268C C CN 1251151 A DE 69800939D D1 DE 69800939T T2 DK 1012411T T3 EP 0869224 A1 EP 1012411 A1 EP 1012411 B1 ES 2159941T T3	15/06/01 26/04/01 22/10/98 23/05/00 04/09/02 19/04/00 19/07/01 28/03/02 01/10/01 07/10/98 28/06/00 13/06/01 16/10/01
US 5865564 A	02/02/99	NONE	
EP 0047803 A1	12/09/80	NONE	
JP 63-022909 A	30/01/88	JP 2084439C C JP 109087B B	23/08/96 22/11/95